888 [593] [570] as well. The fixed relationships of mutual obligation are, as has been seen, between husband and wife, between parents and dependent children, between unmarried brother and sister, and between ceremonial friends. These relationships either do not apply to the aged, or, if they do, they may not be of great value to them. Generally speaking, the aged can depend upon those who are younger and vigorous only for the generalized sib benefits of sustenance and companionship. The deprivation of the aged is in what one might mistakenly call "the nonessentials." There is no one to buy an old lady a new petticoat or to get for an old man commercial tobacco. The aged do not protest such neglect because they acknowledge their lack of claim. Nonetheless, they feel their neglect and loss of status keenly enough. When I was among the *Bahúkiwa*, an aged lady employed all her senile charms to wheedle from me a new petticoat. Her husband, a very proud old man, deigned to accept only an occasional cigarette. From time to time he brought me fish and the old lady fetched me some of her small garden produce to reciprocate my favors.

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888 The old must look after themselves. The very old *Bahúkiwa* couple maintained a semblance of an independent household. The old woman, unable to carry a load of manioc, no longer gardened, but she fetched firewood and looked after children. She cooked for her husband. Her daughter-in-law provided her with manioc cake. The old man was still a good fisherman, contributing to the maloca. Besides, he was a consultant on many matters, particularly on trees to be used in manufactures.

[18] [769] The focus of Cubeo culture is upon the vigorous household heads. The aged simply fall out of things. They are entitled to no particular respect, nor have they cause to be feared as spirits-to-be, for the Cubeo are interested only in their first ancestors and not in the spirits of the more recent dead.

DEATH

761 [754] 763 Death may be attributed by the Cubeo to natural causes such as accidents, violence, old age, but if it is the result of illness, it must be laid to some agency that has willed it. The most common agency is human. Whether the agency is human or supernatural the reaction to death is patterned on grief, anger, and fear. The Cubeo reaction to death is to give full rein to grief and anger and to short-circuit as quickly as possible the forebodings that what has happened to one may happen to all. The only deaths I heard about or witnessed were

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its inevitable crescendo of excitement and disorder, dances and songs are interchanged.

In the course of the ceremonies, the relationship between the nonhuman world of the masked representations and the people, represented by the women, becomes increasingly more intimate, culminating, as we have already noted, in the total intimacy of coitus. The spirit of Cubeo ceremonialism is generally Dionysian. In religious excitement the Cubeo achieve a desired and temporary dissolution of the segmentation and conceptual separatenesses in normal social and religious life.

Koch-Grünberg (1906a), who observed part of an *óyne* in 1903 among the *Hehénewa*, saw in the masked dances two themes, an appeasement of evil spirits and fertility rites. My own information does not agree entirely with this interpretation. It is a fact that several of the masked dancers represent malevolent beings; the jaguar, that is the embodiment of the dreaded sorcerer, the butterfly, that symbolizes the act of sorcery, and the *abúhuwa* or forest monsters, that devour human victims. In addition the masked dancers represent the dung beetle and the vulture, eaters of offal and carrion. These creatures represent to the Cubeo the facts of death. Except for the *abúhuwa*, who are not taken too seriously, the most common agency of death is to the Cubeo a particular human enemy. Evil sorcery can be warded off by particular magical means. The masked dances, however, are not magical means for warding off danger. They are, rather, dramatic rituals whose purpose is to generate a frame of mind in which the fact of death is confronted and made to appear natural and tolerable. By coming to the house as guests, to dance, to sing, to drink chicha, and to "copulate" with women, the masked creatures are made to appear, finally, as a friendly part of the Cubeo world. The malevolent creatures are not singled out, but appear in the context of the whole ensemble of masked dancers.

As for the fertility theme, this has been a cherished cliché of earlier anthropology that promptly labeled any ritualization of sex as "fertility rites." The situation is more complex. The dancers do indeed represent male potency, but the simulated coitus emphasizes rather the carnal aspect of sex, for it is the older women, possessing the privilege of obscenity, whom the masked dancers "attack sexually."

THE MASKS

The dance masks of the Cubeo are made of a white bark cloth called *tdwû* (tree bark), which is also the name by which the masks are generically known.

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571 not be accepted only as a statement of uniqueness, although the scientific value of a unique configuration is undeniable. Each general cultural pattern may ultimately be unique, but since uniqueness is a relative concept the possibility of some more general typology is a real one. Thus the hypothetical statement of a Cubeo over-all pattern should have more than specific applicability.

571 What kind of model, then, does Cubeo culture follow? Socially
593 the root model is that of the solidarity of brothers. It is around this root concept that the characteristic principles of Cubeo kinship and sib and phratric organization develop. The solidarity-of-brothers concept is, as we have seen, both set off from and bound to all other relations by the universal human doctrine of order: polarity-
[428] complementarity. Since primogeniture, though recognized, is minor, the male sibling solidarity is in effect nonhierarchical; it is basically lateral. And it is this fraternal model, we might say, that gives the
571 strong egalitarian cast to Cubeo society. The ancestral cult, in all its
593 aspects, is the particular Cubeo phrasing of the sacred character of
769 male sibling solidarity. It is not a worship of the past, nor does it
614 single out for special distinction any particular ancestral line except
615 from the standpoint of the phratry. But the phratry, having mainly a ritual rather than a corporate character, has only a limited effect upon the patterning of Cubeo life. The ancestral tradition does differentiate the sibs. The ancestral cult, on the other hand, serves rather to promote the lateral solidarity of the male siblings who are the roots of the sib.

571 The significance of the social pattern based upon the solidarity of
593 the male siblings has been noted by Radcliffe-Brown as characteristic
61 of primitive societies organized in patrilineal lineages. It is indeed a fundamental and elementary social pattern subject to a wide range of variations. In the case of the Cubeo, their entire elaboration of kinship, lineage, sib, and phratry follows very closely the lines of the elementary pattern. If the close approximation of a social structure to an elementary basic pattern may be taken as a mark of simplicity, then on this score Cubeo social structure may be characterized as "simple." It is understood, of course, that male sibling solidarity is only the focal point of a larger social pattern that includes the polarity-complementarity relationships of affinity-consanguinity, and the male-female as well as the near-distant relationship.

571 If Cubeo social structure can be derived from an elementary model,
152 so can its emotional structure, or ethos. The Cubeo ethos seems to be
• 181 based upon the doctrine of harmonizing each particular mode of emotional expression with an appropriate social activity. Stated

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generally, this relationship of appropriateness between mood and activity is not novel. It seems, in fact, altogether natural. Cultures, however, as we well know, do not necessarily pattern themselves quite so naturally. Civilizations, in particular, place the emphasis upon the social action and expect the mood to be disciplined or to be subordinated to the social occasion. The Cubeo, on the other hand, expect a rather high degree of emotional spontaneity. In this respect they correspond oddly to the eighteenth-century notions of "natural man." In secular affairs the spontaneity of correspondence between emotion and action is much greater than in ritual. In ritual the effort is made to establish the correspondence between feeling and the concept of the sacred. Ritual in primitive society generally expresses in a symbolic or highly compressed form the fundamental cultural themes of a society. We have repeatedly shown the integration of ritual with social structure. Cubeo ritual, similarly, reveals not only the role of emotionality in Cubeo life but exhibits that spectrum of emotionality that has greatest significance for the Cubeo.[1] It is indeed in ritual, as Ruth Benedict has demonstrated in *Patterns of Culture*, that the ethos of a culture is most vividly displayed. Cubeo ritual, as has been seen, dramatizes the interplay between formal pattern and spontaneity. The most vivid example of this interplay is the interaction between men as sacred and women as a laity during the mourning ceremony. The effect of this interplay is to add significance to the spontaneity of emotion, and at the same time to give emotional zest to the formal ritual pattern. In short, what seems an inescapable conclusion about Cubeo culture is that neither form nor action can be comfortably tolerated unless charged with a proper feeling or emotion.

The relationship between form and emotion and social action and emotion is but one part of the pattern. The pattern also includes the emotional preferences. It is not simply that the Cubeo prefer to run a gamut, since an emotional gamut is a range within a particular plane. In ritual the emotional gamut moves from sobriety and order, as we have already explained, to intoxication and disorder. On a smaller scale, the ritual pattern moves from slow to fast. In the mourning ceremony these related planes of emotional modulation seemed to find their focus in a sexual rhythm, culminating in what is almost literally an orgasmic excitement. From this there may be reason to conclude that it is coitus, a very elementary biological

[1] It is to be understood, of course, that the roles of emotionality in secular life are not the same as they are in the sacred realm. In secular life moderation is more appropriate than excitement or intensity.

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152 model, that underlies an important aspect of the Cubeo ethos.
796 What is surprising about finding coitus as a model for ritual ethos is
181 not that this obvious pattern has been drawn upon, but that it is not
831 drawn upon more often. Among the Carajá of central Brazil, I am
171 informed, the coital ritual pattern is explicitly recognized, each phase of the dance being named from a phase of sexual intercourse.[1] It is quite possible that I simply failed to discover the same explicit relationship among the Cubeo. The explicitness that I did discover, though, is in their assertion that ritual excitement, whether produced by drugs, alcohol, or the ritualization of sex, is a necessary complement to the ritual magic of the below-the-knee ligature of long life. This identification of emotional intensity with life itself is also an obvious and therefore a simple relationship. In sum, we can say that the main features of Cubeo ethos draw upon very obvious and simple biopsychological models and – this is the significant point – adhere rather closely, almost literally, to them. Since the social pattern also draws upon a very elementary model we must conclude that the sociocultural pattern as a whole is built upon the simplest of social and biopsychological models. Needless to say, even the bare and incomplete account of Cubeo life that has been presented suggests that the elements of over-all pattern described here do not encompass the "totality" of the culture. In all probability, however, no concept of pattern can ever encompass a total social and cultural system. From the point of view of culture theory the question is a different one. The proper question is: Does the theory of pattern provide an adequate approach to an understanding of the culture?

121 We can attempt to answer this question by applying the concept
571 of pattern that has been presented to an analysis of two fundamental cultural problems: the problem of social homeostasis and the problem of ecological adaptation. Strictly speaking, equilibrium and adaptation are one problem. It is simply that this problem can be approached from two sides.

SOCIAL HOMEOSTASIS

The assumption of social homeostasis is that a cultural system consists of relationships and interactions that are so patterned that their net effect is to perpetuate the system, generation after generation. It is understood, of course, that homeostasis, or equilibrium, is a relative condition only, since no society today is a precise duplicate of

[1] Personal communication from Dr. William Lipkind.

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these conditions is relevant to an understanding of Cubeo culture. But even taken together they do not account for the principal patterns of Cubeo culture, which have a natural history of their own. The question, however, is not whether cultural patterns have a natural history, but only whether the ecological and the technological theories are adequate accounts of the natural history of a culture.

ADAPTATION

Thus, the problem of cultural adaptation to an environment cannot be dealt with simply and one-sidedly by describing the hypothetical shaping of a culture to the environment. Adaptation is a study of interaction. Generally speaking, highly specialized environments demand highly specialized and hence relatively predictable cultural responses. The tropical forest is not an example of a highly specialized economic environment judged empirically by the diversity of cultural patterns it has sustained. Bitter manioc is clearly a cumbersome crop, its high yield and relative ease of cultivation being offset by its very heavy demands on labor, specifically on that of women. It can be argued, therefore, that this crop offers a poor economic base for social and political development. Yet the Northwest Amazon also is familiar with maize, yams, and sweet manioc, not to mention beans and squash and gourd. These crops have traditionally sustained high cultures. Can we explain in ecological terms why the Northwest Amazon tribes chose to specialize in bitter manioc rather than maize and beans, as did, for example, the lowland Maya? It would seem that here is a case of cultural choice in which preferences for quick yield, minimum care in cultivation, strong sexual division of labor, and perennial harvest rather than the problems of storage and seasonal periodicity may have been compelling factors. Since the Cubeo social system placed no great demands upon an expanding economic productivity the "easy" adaptation to nature was always feasible. The main patterns of Cubeo life do not stress the disciplines of prolonged and closely managed effort. The habitual rhythms of masculine labor are discontinuous and varied. Leadership is based on the principle of mood regulation rather than on dedication to an ideal or submission to authority. High cultures are based on strongly disciplined and collective ways of life. By contrast, the Cubeo values greater emotional spontaneity and personal autonomy. An economy, needless to say, will in the end transform cultural values as well as the personal character of the members of a culture. Before

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it can do so, however, it must be given a chance, so to speak, by the culture. There is nothing in physical nature that dictates the form of an economy beyond the requirement that it satisfy subsistence needs. In the case of the Cubeo the simplicity of the economy, and the corresponding simplicity of the culture as a whole, would seem to be far more a product of its fundamental patterns and principles of organization than of an external nature. If this conclusion is correct, it would suggest that the simple horticultural societies, as a type, are not mere victims of inhospitable environments but rather that they constitute a range of cultural systems with characteristic modes of equilibrium and adaptation that do not readily foster economic expansion and higher levels of social and political integration. This statement leads to one other conclusion, namely, that a culture is only partly a functional system adapted to the satisfaction of basic needs. With respect to these satisfactions, most societies have surplus capacity, a great deal of room for maneuver and for improvisation. Much of the form of a culture represents a style of life that need not, indeed cannot, be explained simply in terms of function, equilibrium, or adaptation. A style of life then must be studied in its own terms since it too is part of the diversity of nature.